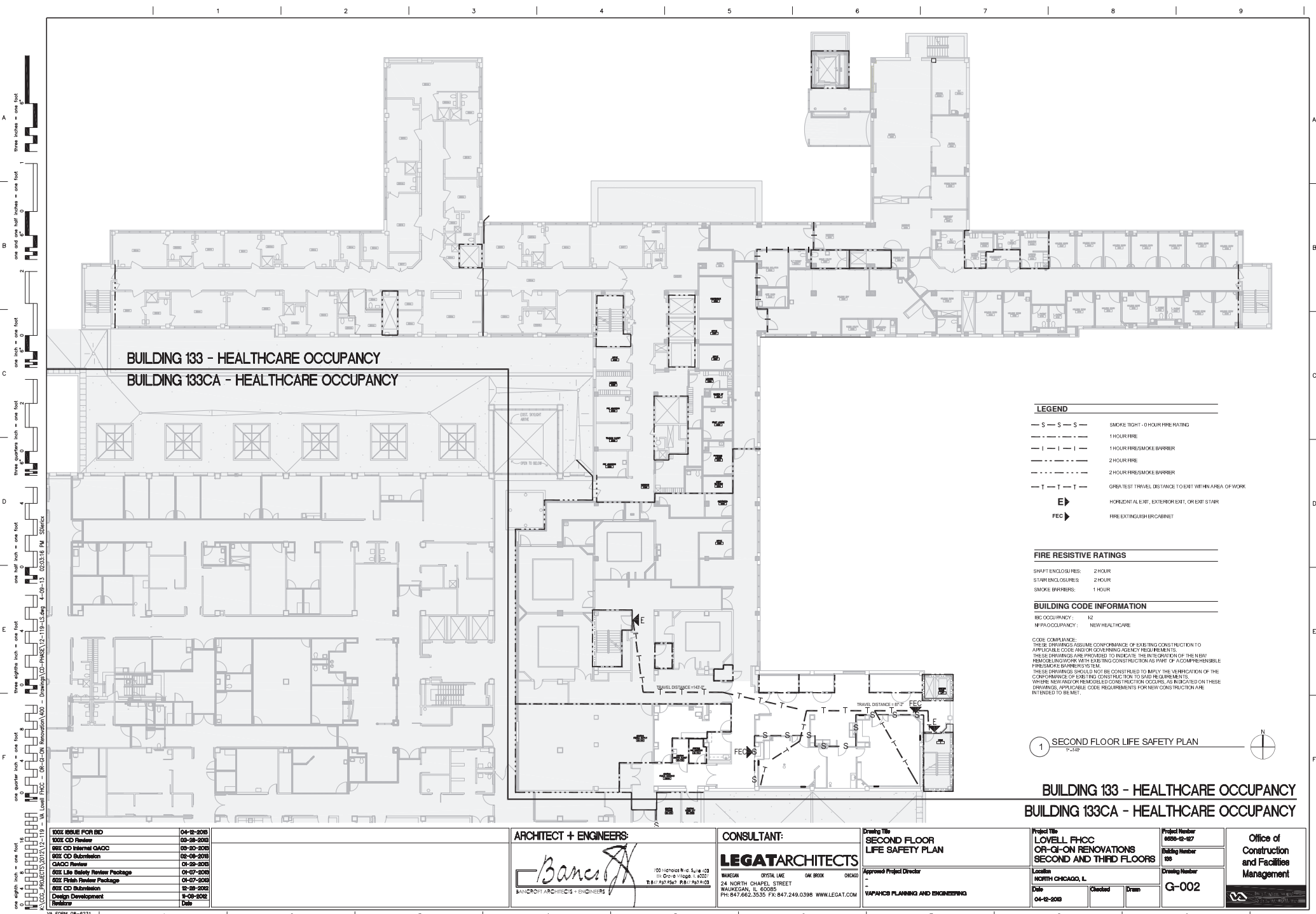


1	2	3	4	5	6	7	8	9	
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BUILDING 133 - HEALTHCARE OCCUPANCY
BUILDING 133CA - HEALTHCARE OCCUPANCY

- LEGEND**
- S — S — S — SMOKE TIGHT - 0 HOUR FIRE RATING
 - 1 — 1 — 1 — 1 HOUR FIRE
 - 1 — 1 — 1 — 1 HOUR FIRE/SMOKE BARRIER
 - 2 — 2 — 2 — 2 HOUR FIRE
 - 2 — 2 — 2 — 2 HOUR FIRE/SMOKE BARRIER
 - T — T — T — GREATEST TRAVEL DISTANCE TO EXIT WITHIN AREA OF WORK
 - E ➔ HORIZONTAL EXIT, EXTERIOR EXIT, OR EXIT STAIR
 - FEC ➔ FIRE EXTINGUISHER CABINET

FIRE RESISTIVE RATINGS

- SHAFT ENCLOSURES: 2 HOUR
- STAIR ENCLOSURES: 2 HOUR
- SMOKE BARRIERS: 1 HOUR

BUILDING CODE INFORMATION

- IBC OCCUPANCY: H2
- IFPA OCCUPANCY: NEW HEALTHCARE

CODE COMPLIANCE:
THESE DRAWINGS ASSUME CONFORMANCE OF EXISTING CONSTRUCTION TO APPLICABLE CODE AND/OR GOVERNING AGENCY REQUIREMENTS. THESE DRAWINGS ARE PROVIDED TO INDICATE THE INTEGRATION OF THE NEW REMODELING WORK WITH EXISTING CONSTRUCTION AS PART OF A COMPREHENSIBLE FIRE/SMOKE BARRIER SYSTEM.
THESE DRAWINGS SHOULD NOT BE CONSIDERED TO APPLY THE VARIATION OF THE CONFORMANCE OF EXISTING CONSTRUCTION TO SAID REQUIREMENTS WHERE NEW AND/OR REMODELED CONSTRUCTION OCCURS, AS INDICATED ON THESE DRAWINGS, APPLICABLE CODE REQUIREMENTS FOR NEW CONSTRUCTION ARE INTENDED TO BE MET.

1 SECOND FLOOR LIFE SAFETY PLAN
12-2019

BUILDING 133 - HEALTHCARE OCCUPANCY
BUILDING 133CA - HEALTHCARE OCCUPANCY

100% ISSUE FOR BID	04-12-2019
100% CD Review	03-28-2019
95% CD Internal QA/QC	03-20-2019
90% CD Submission	02-08-2019
QA/QC Review	01-29-2019
50% Life Safety Review Package	01-07-2019
50% Finish Review Package	01-07-2019
50% CD Submission	12-28-2018
Design Development	11-09-2018
Release	
Date	

ARCHITECT + ENGINEERS

Bancroft

BANCROFT ARCHITECTS + ENGINEERS

100 North Dearborn, Suite 100
Chicago, Illinois 60611
Tel: 312.527.7000 Fax: 312.527.7001

CONSULTANT:

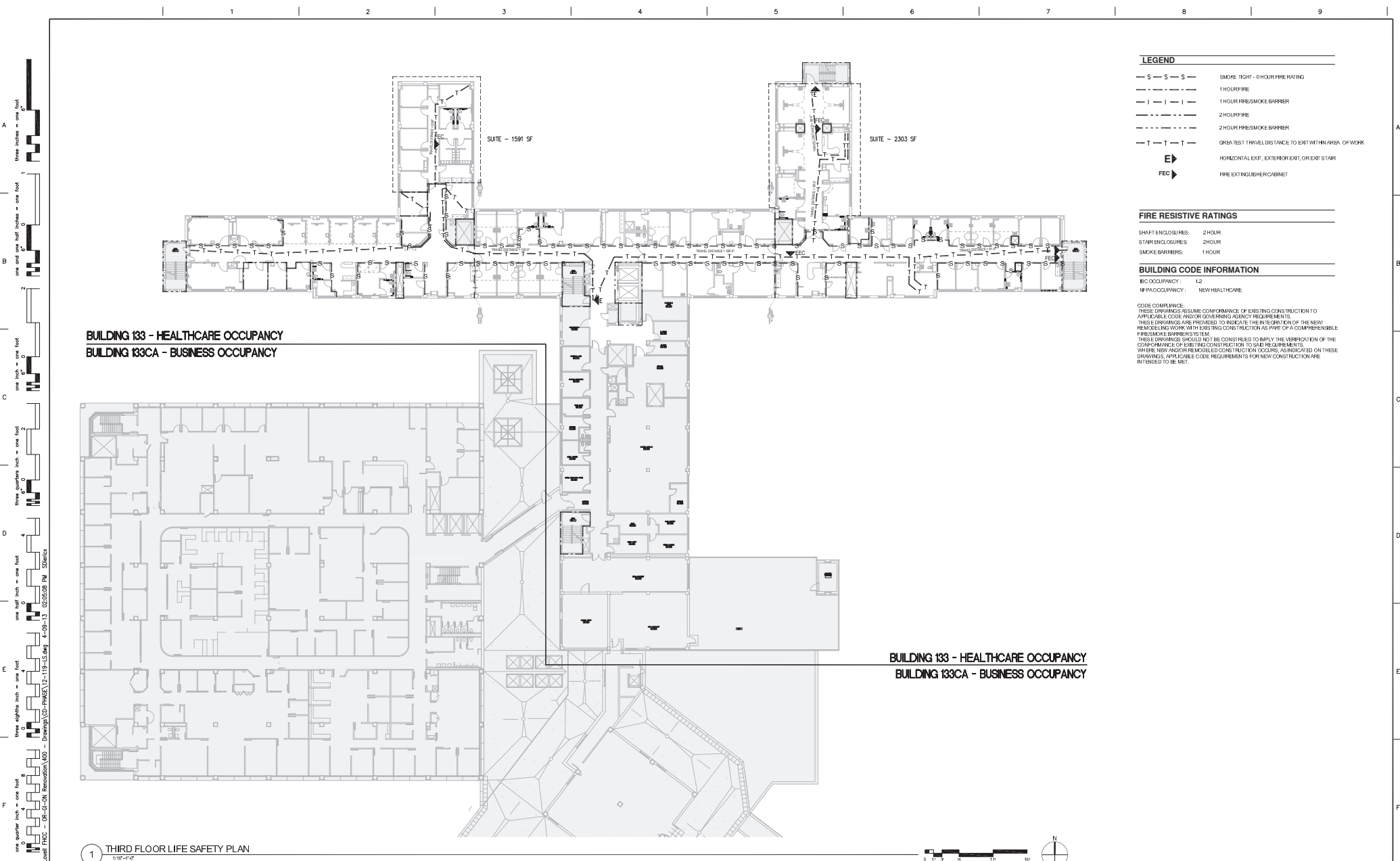
LEGATARCHITECTS

MILWAUKEE 8750 N. LAKE DR. SUITE 100 CHICAGO
24 NORTH CHAPEL STREET
WAUKEGAN, IL 60085
PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM

Drawing Title
SECOND FLOOR LIFE SAFETY PLAN

Approved Project Director
- VAPACHOS PLANNING AND ENGINEERING

Project Title LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS	Project Number 0000-02-007	Office of Construction and Facilities Management
	Drawing Number 100	
Location NORTH CHICAGO, IL	Drawing Number G-002	
Date 04-12-2019	Checked <input type="checkbox"/>	Drawn <input type="checkbox"/>



- LEGEND**
- S — S — SMOKE TIGHT - 0 HOUR FIRE RATING
 - I — I — I 1 HOUR FIRE
 - I — I — I 1 HOUR FIRE SMOKE BARRIER
 - T — T — T 2 HOUR FIRE
 - T — T — T 2 HOUR FIRE SMOKE BARRIER
 - T — T — T QRETA TEST TRAVEL DISTANCE TO EXIT WITHIN AREA OF WORK
 - E** HORIZONTAL EXIT, EXTERIOR EXIT, OR EXIT STAIR
 - FEC** FIRE EXTINGUISHER CABINET

FIRE RESISTIVE RATINGS

SHAFT ENCLOSURES: 2 HOUR
STAIR ENCLOSURES: 2 HOUR
SMOKE BARRIERS: 1 HOUR

BUILDING CODE INFORMATION

IRC OCCUPANCY: L2
NFA OCCUPANCY: NEW HEALTHCARE

CODE COMPLIANCE:
THESE DRAWINGS ASSUME CONFORMANCE OF EXISTING CONSTRUCTION TO APPLICABLE CODE AND/OR GOVERNING AGENCY REQUIREMENTS. THESE DRAWINGS ARE PROVIDED TO INDICATE THE INTEGRATION OF THE NEW REMODELING WORK WITH EXISTING CONSTRUCTION AS PART OF A COMPREHENSIBLE FIRE SMOKE BARRIER SYSTEM. THESE DRAWINGS SHOULD NOT BE CONSTRUED TO IMPLY THE VERIFICATION OF THE CONFORMANCE OF EXISTING CONSTRUCTION TO SAID REQUIREMENTS. WHERE NEW AND/OR REMODELED CONSTRUCTION OCCURS, AS INDICATED ON THESE DRAWINGS, APPLICABLE CODE REQUIREMENTS FOR NEW CONSTRUCTION ARE INTENDED TO BE MET.

BUILDING 133 - HEALTHCARE OCCUPANCY
BUILDING 133CA - BUSINESS OCCUPANCY

BUILDING 133 - HEALTHCARE OCCUPANCY
BUILDING 133CA - BUSINESS OCCUPANCY

1 THIRD FLOOR LIFE SAFETY PLAN
1/10" = 1'-0"

100% ISSUE FOR BID	04-12-2018
100% CD Review	03-28-2018
90% CD Internal QA/QC	03-20-2018
90% CD Submission	02-16-2018
QA/QC Review	01-26-2018
90% Life Safety Review Package	01-07-2018
90% Permit Review Package	01-07-2018
90% CD Submission	12-28-2017
Design Development	11-09-2017
Revisions	Date

ARCHITECT + ENGINEERS:

Bancroft

BANCROFT ARCHITECTS + ENGINEERS

100 North LaSalle, Suite 103
111 North LaSalle, Suite 103
111 North LaSalle, Suite 103

CONSULTANT:

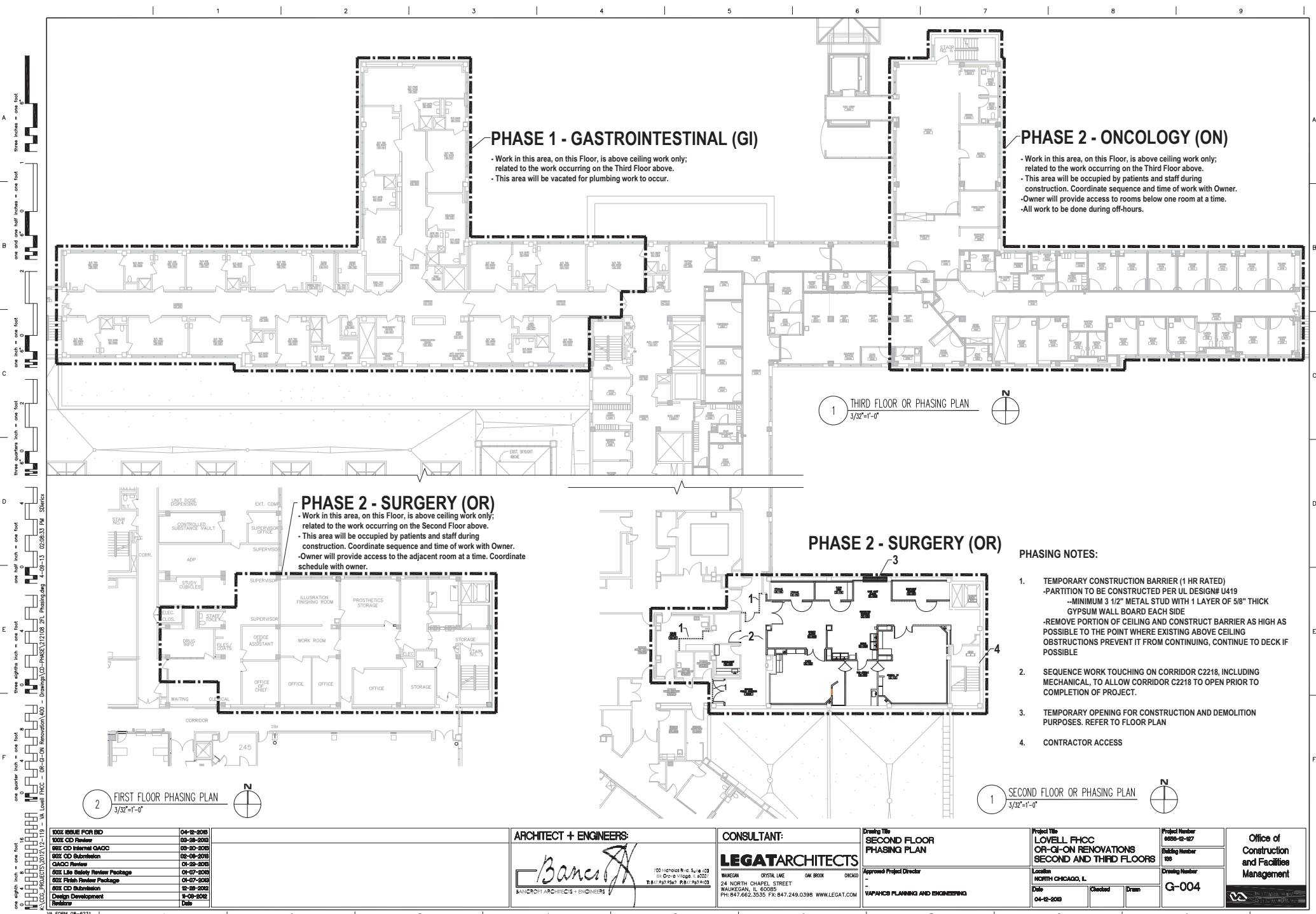
LEGATARCHITECTS

MUSGRAVE 3750 N. LAKE DR. SUITE 1000 CHICAGO, IL 60642
24 NORTH CHAPEL STREET WAUKEGAN, IL 60085
PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM

Drawing Title
THIRD FLOOR LIFE SAFETY PLAN

Approved Project Director
- VAPACHOS PLANNING AND ENGINEERING

Project Title LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS	Project Number 6555-12-017	Office of Construction and Facilities Management
Location NORTH CHICAGO, IL	Building Number 108	
Date 04-12-2018	Checked Drawn	Drawing Number G-003

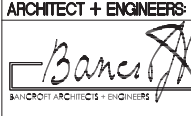


PHASING NOTES:

1. TEMPORARY CONSTRUCTION BARRIER (1 HR RATED)
-PARTITION TO BE CONSTRUCTED PER UL DESIGN# U419
-MINIMUM 3 1/2" METAL STUD WITH 1 LAYER OF 5/8" THICK GYPSUM WALL BOARD EACH SIDE
-REMOVE PORTION OF CEILING AND CONSTRUCT BARRIER AS HIGH AS POSSIBLE TO THE POINT WHERE EXISTING ABOVE CEILING OBSTRUCTIONS PREVENT IT FROM CONTINUING, CONTINUE TO DECK IF POSSIBLE
2. SEQUENCE WORK TOUCHING ON CORRIDOR C2218, INCLUDING MECHANICAL, TO ALLOW CORRIDOR C2218 TO OPEN PRIOR TO COMPLETION OF PROJECT.
3. TEMPORARY OPENING FOR CONSTRUCTION AND DEMOLITION PURPOSES. REFER TO FLOOR PLAN
4. CONTRACTOR ACCESS

100% ISSUE FOR BID	04-12-2018
100% CD Review	03-28-2018
80% CD Internal QA/QC	03-20-2018
100% CD Submittal	02-16-2018
QA/QC Review	01-26-2018
50% Life Safety Review Package	01-07-2018
50% Finish Review Package	01-07-2018
50% CD Submittal	12-28-2017
Design Development Review	11-09-2017
Date	

ARCHITECT + ENGINEERS



100 North La Grange Ave., Suite 100
La Grange, IL 60138
Tel: 630.520.1200 Fax: 630.520.1201

BANCROFT ARCHITECTS + ENGINEERS

CONSULTANT:

LEGATARCHITECTS

1000 North La Grange Ave.
24 NORTH CHAPEL STREET
WILKESBORO, NC 28696
PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM

Drawing Title

SECOND FLOOR PHASING PLAN

Approved Project Director

VAPACIS PLANNING AND ENGINEERING

Project Title

LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS

Location

NORTH CHICAGO, IL

Date

04-12-2018

Project Number

6055-12-017

Building Number

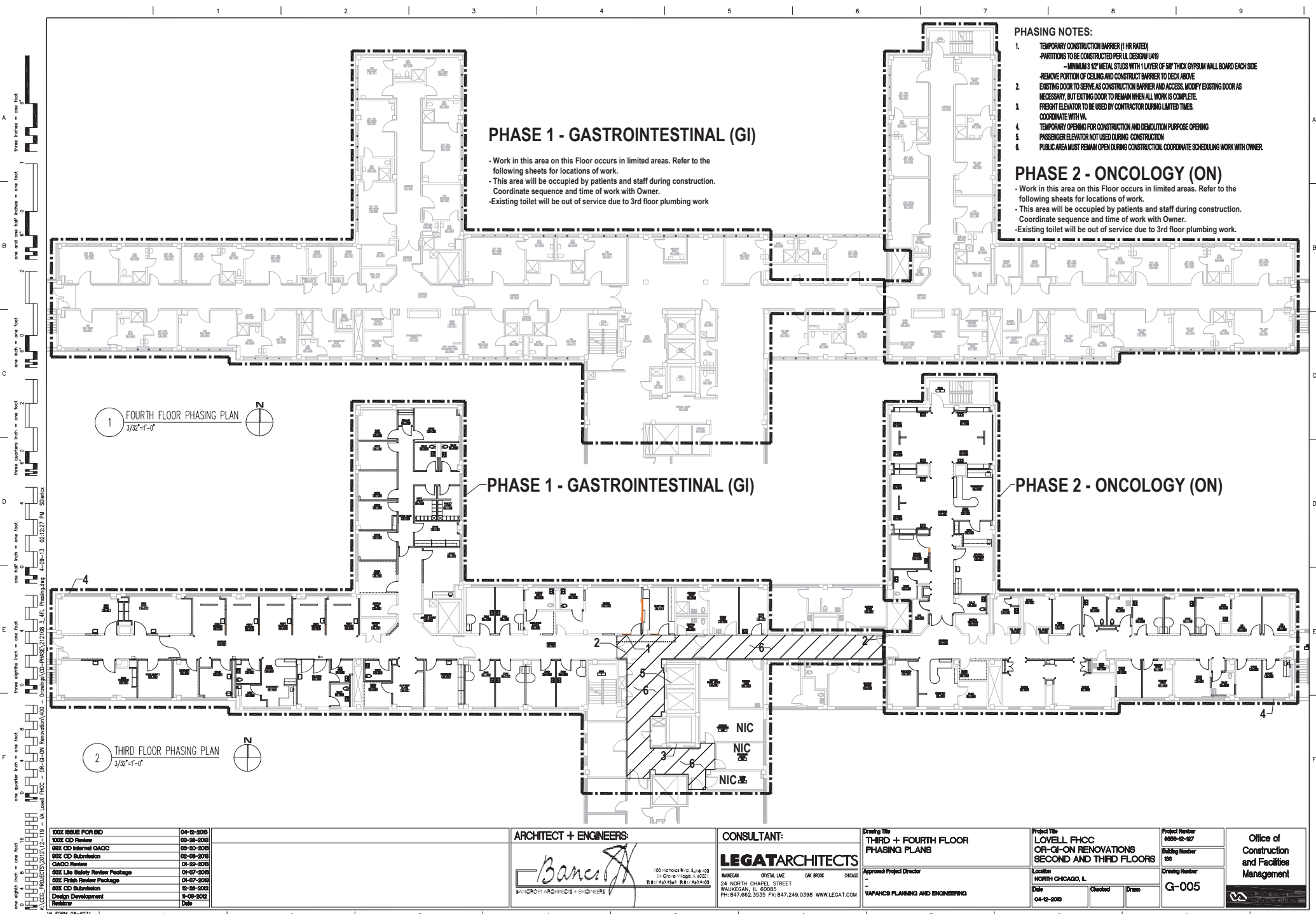
108

Drawing Number

G-004

Office of Construction and Facilities Management





- PHASING NOTES:**
1. TEMPORARY CONSTRUCTION BARRIER (1 HR RATED)
-PARTITIONS TO BE CONSTRUCTED PER UL DESIGN# U410
-MINIMUM 3 1/2" METAL STUDS WITH 1 LAYER OF 5/8" THICK GYPSUM WALL BOARD EACH SIDE
-REMOVE PORTION OF CEILING AND CONSTRUCT BARRIER TO DECK ABOVE
-EXISTING DOOR TO SERVE AS CONSTRUCTION BARRIER AND ACCESS. MODIFY EXISTING DOOR AS NECESSARY, BUT EXISTING DOOR TO REMAIN WHEN ALL WORK IS COMPLETE.
-FREIGHT ELEVATOR TO BE USED BY CONTRACTOR DURING LIMITED TIMES.
-COORDINATE WITH VA.
 2. TEMPORARY OPENING FOR CONSTRUCTION AND DEMOLITION PURPOSE OPENING
-PASSENGER ELEVATOR NOT USED DURING CONSTRUCTION
-PUBLIC AREA MUST REMAIN OPEN DURING CONSTRUCTION. COORDINATE SCHEDULING WORK WITH OWNER.

PHASE 1 - GASTROINTESTINAL (GI)

- Work in this area on this Floor occurs in limited areas. Refer to the following sheets for locations of work.
- This area will be occupied by patients and staff during construction. Coordinate sequence and time of work with Owner.
- Existing toilet will be out of service due to 3rd floor plumbing work

PHASE 2 - ONCOLOGY (ON)

- Work in this area on this Floor occurs in limited areas. Refer to the following sheets for locations of work.
- This area will be occupied by patients and staff during construction. Coordinate sequence and time of work with Owner.
- Existing toilet will be out of service due to 3rd floor plumbing work.

100% ISSUE FOR BID	04-12-2018
100% CD Review	03-28-2018
90% CD Internal QA/QC	03-20-2018
90% CD Submission	03-16-2018
QA/QC Review	03-16-2018
50% Life Safety Review Package	01-07-2018
50% Finish Review Package	01-07-2018
50% CD Submission	12-28-2017
Design Development	11-09-2017
Release	

ARCHITECT + ENGINEERS

Bancroft

BANCROFT ARCHITECTS + ENGINEERS

100 North LaSalle St., Suite 100
Chicago, IL 60602
Tel: 312.527.1000 Fax: 312.527.1001

CONSULTANT:

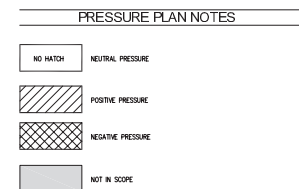
LEGATARCHITECTS

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24 NORTH CHAPEL STREET
WILKESBORO, NC 28696
PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM

Drawing Title
THIRD + FOURTH FLOOR PHASING PLANS

Approved Project Director
- VAPACHIS PLANNING AND ENGINEERING

Project Title LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS	Project Number 6055-12-017	Office of Construction and Facilities Management
Location NORTH CHICAGO, IL	Building Number 106	
Date 04-12-2018	Checked Drawn	Drawing Number G-005



THIRD FLOOR PRESSURE PLAN GI AND ONCOLOGY DEPARTMENTS

ARCHITECT + ENGINEERS:

Bancroft
BANCROFT ARCHITECTS + ENGINEERS

CONSULTANT:

LEGATARCHITECTS

WAUKEGAN CRYSTAL LAKE OAK BROOK CHICAGO
24 NORTH CHAPEL STREET
WAUKEGAN, IL 60085
PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM

Drawing Title
PRESSURE PLAN

Approved Project Director

VAPAKOS PLANNING AND ENGINEERING

Project Title
LOVELL FHCC
OR-GI-ON RENOVATIONS
SECOND AND THIRD FLOORS

Location	NORTH CHICAGO, ILL.
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Date
04-12-2013

Project Number	6558-12-107
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Building Number	100
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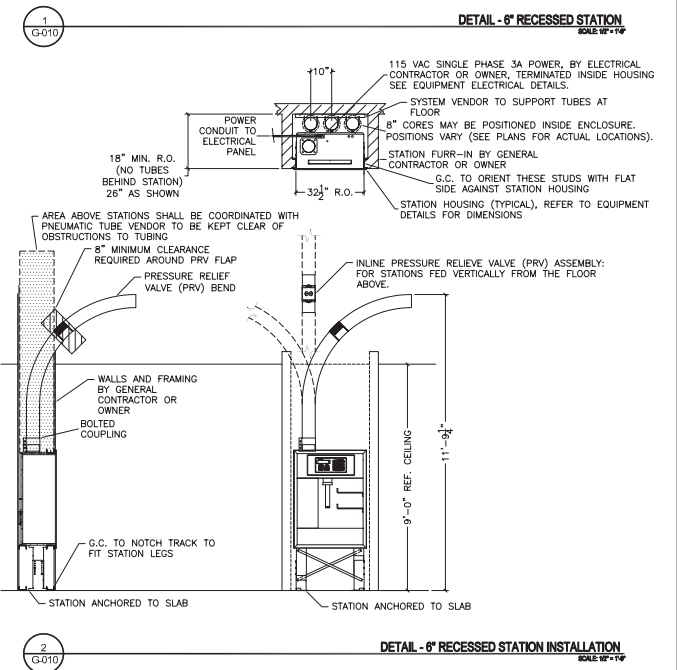
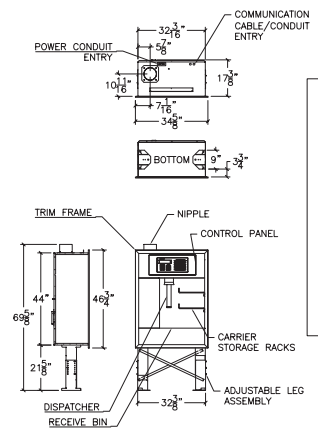
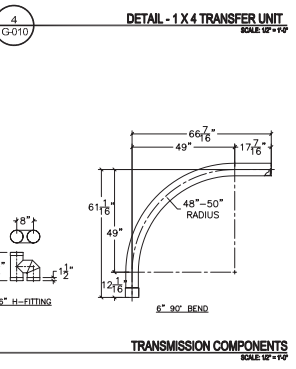
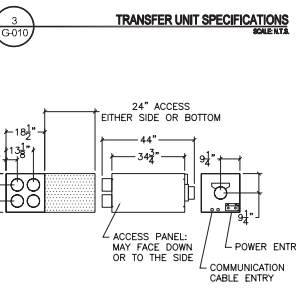
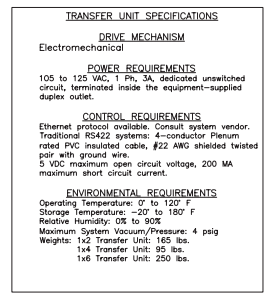
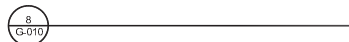
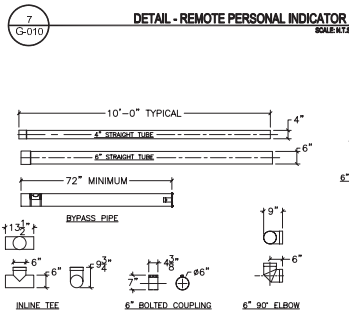
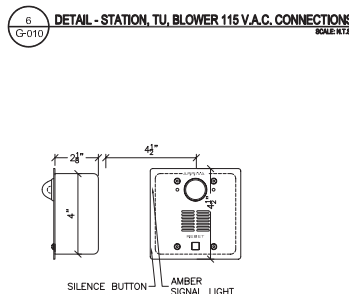
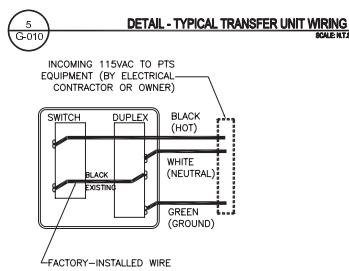
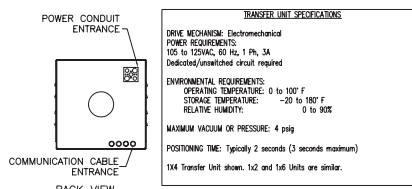
Drawing Number	G-007
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Office of
Construction
and Facilities
Management



1003 7th Street, N.W.
Washington, D.C. 20001-1223

one inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot
one thirty-second inch = one foot
one sixty-fourth inch = one foot
one one-hundredth inch = one foot
one two-hundredth inch = one foot
one four-hundredth inch = one foot
one eight-hundredth inch = one foot
one one-thousandth inch = one foot
one two-thousandth inch = one foot
one four-thousandth inch = one foot
one eight-thousandth inch = one foot
one sixteen-thousandth inch = one foot
one thirty-two-thousandth inch = one foot
one sixty-four-thousandth inch = one foot
one one-hundred-thousandth inch = one foot
one two-hundred-thousandth inch = one foot
one four-hundred-thousandth inch = one foot
one eight-hundred-thousandth inch = one foot
one millionth inch = one foot



100% ISSUE FOR BID	04-12-2018
100% CD Review	03-28-2018
80% CD Internal QA/QC	03-20-2018
100% CD Submittal	02-28-2018
QA/QC Review	04-09-2018
80% Life Safety Review Package	01-07-2018
80% Finish Review Package	01-07-2018
80% CD Submittal	12-28-2017
Design Development Review	11-09-2017
Date	

1	2	3	4	5	6	7	8	9
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ARCHITECT + ENGINEERS

Bancroft

BANCROFT ARCHITECTS + ENGINEERS

100 North La Salle, Suite 1200
Chicago, Illinois 60602
Tel: 312.467.8000 Fax: 312.467.8001

CONSULTANT:

LEGATARCHITECTS

100 North La Salle, Suite 1200
Chicago, Illinois 60602
Tel: 312.467.8000 Fax: 312.467.8001

Drawn by: PNEUMATIC TUBE SYSTEM DETAILS

Approved Project Director:

VAPACIS PLANNING AND ENGINEERING

Project Title: LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS

Location: NORTH CHICAGO, IL

Date: 04-12-2018

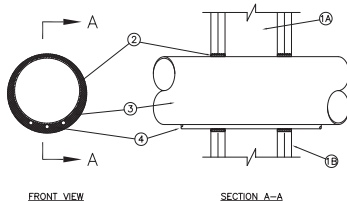
Checked: Drawn:

Project Number: 8555-12-107

Building Number: 108

Drawing Number: G-010

Office of Construction and Facilities Management



SYSTEM NO. WL8023
F RATING - 2 HOUR
T RATING - 0 HOUR

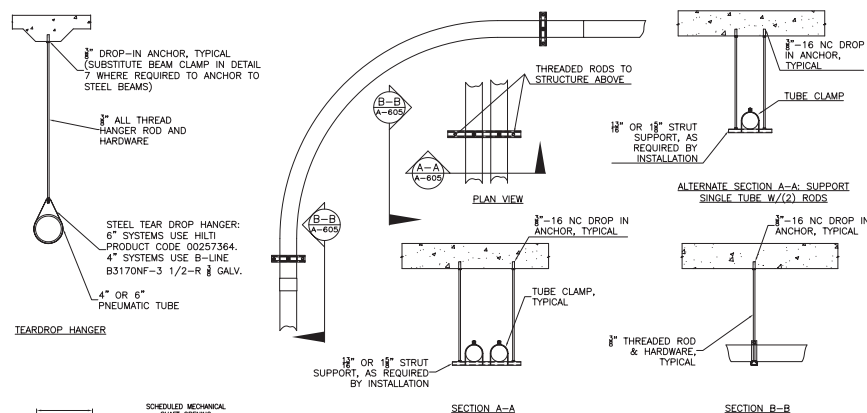
NOTES:

- NOTES:
1. THE ASSEMBLY, THE FIRE-RATED GYPSUM WALLBOARD/STUO WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIAL AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
- A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL STUDS.
- B. LATHING - 1/2" THICK PLASTER OR GYPSUM LATHING, 2 GAUGES, 1/8" MINIMUM LUMBER SPACED 16 ONCHES ON CENTER. STEEL STUDS TO BE MINIMUM 2-1/4" INCHES WIDE AND SPACED MAXIMUM 24 INCHES ON CENTER.
- C. WALLBOARD, GYPSUM- TWO LAYERS OF 5/8" THICK GYPSUM WALLBOARD, SPECIFIED IN THE STUD DESIGN AND PARTITION DESIGN, MAXIMUM DIAMETER OF OPENING IS 7 INCHES.
- D. ONE STEEL PIPE, OR CONDUIT TO BE CENTERED WITHIN THE FIRESTOP SYSTEM. A MINIMUM 1/2" AIR GAP SHALL BE MAINTAINED BETWEEN THE SYSTEM PIPE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THIS ASSEMBLY IS SPECIFIC TO STEEL TUBE, NOMINAL 6" DIAMETER (OR SMALLER) 16 GAUGE GALVANIZED STEEL TUBING, 1/8" MINIMUM SCHEDULED WALL THICKNESS, BENDS MAY BE USED AT AN ANGLE OF UP TO 45 DEGREES.
- E. USE UP THREE 3/8" DIAMETER SHIELDED CABLES. WIRE TO BE CLIP, PLENUM RATED, LOW VOLTAGE FOR COMMUNICATION USE. IIE WRAPPED TO STEEL PIPE, PER UL LISTED CABLE MANUFACTURER'S INSTRUCTIONS.
- F. FINISH MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL.

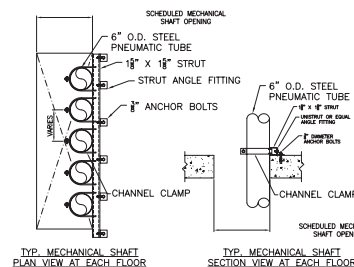
*BEARING THE UL CLASSIFICATION MARK

HILTI, INC. – HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT

Note: According to Underwriter's Laboratories, The F and T Ratings of a firestop system are not jeopardized if the metallic pipe penetrant passes through the opening at an angle not to exceed 45 degrees from the perpendicular and the annular spaces are within the requirements that have been established in the individual firestop system, this is applicable to firestop systems incorporating fill materials (such as sealants, putty, or mortar and packing materials).

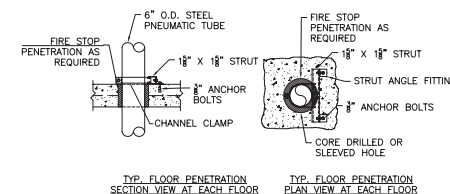


MULTIPLE TUBE SUPPORTS AND ALTERNATE SINGLE TUBE SUPPORTS



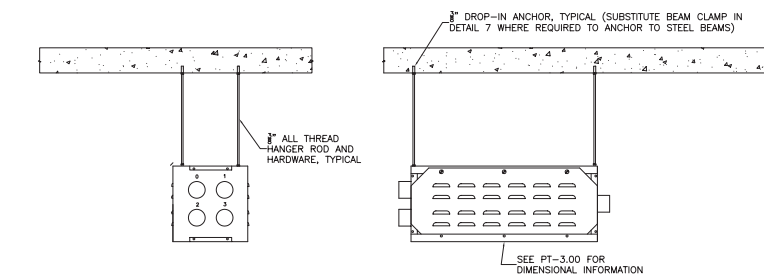
TYP. MECHANICAL SHAFT
PLAN VIEW AT EACH FLOOR

SECTION VIEW AT EACH FLOOR

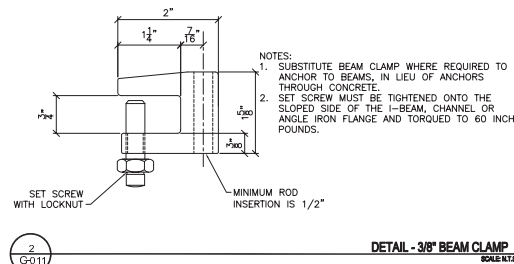


TYP. FLOOR PENETRATION
SECTION VIEW AT EACH FLOOR

TYP. FLOOR PENETRATION
PLAN VIEW AT EACH FLOOR



DETAIL - TYPICAL 1x4 TRANSFER UNIT SUPPORT
1x2 & 1x6 TRANSFER UNITS SIMILAR SCALE: N.T.S.



DETAIL - 3/8" BEAM CLAMP
SCALE: N.T.S.

Office of
Construction
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Management